

## **METHOD AND APPARATUS FOR CLASSIFYING TIME SERIES DATA USING WAVELET BASED APPROACH**

### **Abstract of the Disclosure**

5 A technique for effective classification of time series data using a rule-based  
wavelet decomposition approach. This method is effective in classification of a wide  
variety of time series data sets. The process uses a combination of wavelet  
decomposition, discretization and rule generation of training time series data to classify  
various instances of test time series data. The wavelet decomposition can effectively  
10 explore the data at varying levels of granularity to classify instances of the test time series  
data.